

Regional Profiles for Industry Targeting

Upper Peninsula Michigan Region

(Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft Counties)

Current Labor Market Indicators

Area	Jobless Rate	Avg. Weekly Wage	Change 2001-2003			Forecast Job Growth Rate 2000- 2010
			Jobless Rate	Jobs	Weekly Wage	
Region	7.7%	\$482	+0.9	-1.0%	+4.9%	+7.8%
Michigan	7.3%	\$727	+2.0	-4.2%	+4.4%	+9.3%
U.S.	6.0%	\$691	+1.3	-2.6%	+3.4%	+15.2%

Industry Job Trends

Industry	Percent Change 2001-2003			Share of Total		
	Region	MI	U.S.	Region	MI	U.S.
All Industries	-1.0	-4.2	-2.6	100.0	100.0	100.0
Mining	-11.1	-10.9	-7.2	2.2	0.2	0.5
Construction	-1.9	-8.0	-2.5	7.3	5.2	6.2
Manufacturing	-6.9	-12.7	-12.5	15.0	19.7	13.5
Trade	-2.8	-6.0	-2.3	20.8	18.6	19.0
Transportation	-9.7	-5.2	-5.6	2.5	2.7	3.7
Utilities	+7.3	-2.1	-4.0	1.0	0.6	0.5
Information	+30.1	-7.2	-12.5	2.1	1.9	3.0
Financial Activities	+2.3	+3.8	+1.9	4.9	5.8	7.3
Professional & Business Services	+9.1	-3.4	-3.8	5.9	16.0	14.8
Educational Services	+5.9	+14.8	+7.4	0.6	1.4	1.9
Health Services	+6.3	+5.0	+6.0	15.3	12.8	12.8
Leisure & Hospitality	-2.3	+1.5	+1.6	16.6	11.0	11.5
Other Services	-1.8	-4.5	+1.3	4.6	3.5	4.0

Regional Profiles for Industry Targeting are for informational purposes only. Grant proposals may reflect regions and industries not captured in these profiles.

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Potential Target Industries

Core Industries (Region has a higher share of jobs in this industry than nationally)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Forestry & Logging	740	\$484	-11.0	+4.1
Mining (except Oil and Gas)	1,931	\$864	-11.7	-2.3
Paper Manufacturing	2,779	\$1,210	-11.3	+9.3
Wood Product Manufacturing	2,843	\$565	-3.9	+11.7
Accommodation	3,210	\$238	-14.0	-7.9
Gasoline Stations	1,429	\$231	-14.0	+3.9
Primary Metal Manufacturing	746	\$663	-1.2	+1.2
Utilities	885	\$1,312	+7.3	+9.2
Food and Beverage Stores	3,915	\$259	-4.5	+3.5
Construction of Buildings	2,079	\$574	-5.8	+6.5

Developing Industries (Region's share of jobs advancing faster than national average)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Wood Products Manufacturing	2,843	\$565	-3.9	+11.7
Telecommunications	675	\$726	-4.5	+4.1
Hospitals	4,776	\$725	+9.8	+9.4
Primary Metals Manufacturing	746	\$663	-1.2	+1.2
Utilities	885	\$1,312	+7.3	+9.2
Specialty Trade Contractors	3,378	\$637	+11.8	+12.6
Machinery Manufacturing	979	\$669	+6.7	+12.0
Fabricated Metal Products Manufacturing	1,491	\$660	-4.8	+8.8
Professional/Scientific/Technical Services	2,525	\$570	+18.2	-7.1
Plastics & Rubber Products Manufacturing	636	\$603	+0.2	+10.1

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Under-Represented Industries (Regional industries with below average share in jobs, but with positive employment outlook nationally)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Insurance Carriers & Related Activities	836	\$674	-1.1	+18.4
Food Manufacturing	457	\$437	+2.5	+1.9
Printing and Related Support Activities	269	\$490	+1.4	+1.7
Merchant Wholesalers, Nondurable Goods	583	\$557	+9.8	-8.0
Transportation Equipment Manufacturing	603	\$648	+5.6	+4.2

Competitive-Advantage Industries (Regional industries with a favorable combination of wage, employment change, and competitive employment performance vs. national trends)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Hospitals	4,776	\$725	+9.8	+9.4
Specialty Trade Contractors	3,378	\$637	+11.8	+12.6
Ambulatory Health Care Services	3,794	\$718	+7.4	+8.5
Utilities	885	\$1,312	+7.3	+9.2
Machinery Manufacturing	979	\$669	+6.7	+12.0
Motor Vehicle & Parts Dealers	1,805	\$516	+0.1	-1.8
Financial Institutions & Related Activities	2,397	\$532	-0.5	-0.6
Wood Products Manufacturing	2,843	\$565	-3.9	+11.7

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Fabricated Metal Products Manufacturing

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	-4.8	+8.8	\$660	N/A
Michigan	-7.2	+4.2	\$774	N/A
U.S.	-12.9	+5.3	\$739	+6.3%

Primary Occupations

	Machinist	CNC Operator	Production Supervisor
O*Net SOC Code	51-4041.00	51-4011.01	51-1011.00
Average Wage	\$14.63/hr.	\$11.73/hr.	\$22.74/hr.
Tasks	Align/secure tools Calculate dimensions Dismantle equipment Fit/assemble parts Maintain machines	Set machine tools Install tools Determine specs. Calculate/set controls Maintain machines	Direct activities Plan schedules Calc. requirements Determine standards Evaluate production
Knowledge*	Mechanical Design Engineering/tech. Mathematics Production/processing	Mechanical Production Processing Engineering Technology	Production/processing Management Human resources Mathematics Education/training
Skills*	Quality control Operation/control Mathematics Operations analysis Equipment selection	Operation/control Operation monitoring Equipment selection Eqt. maintenance Quality control	Coordination Reading comp. Speaking Time management Critical thinking
Abilities*	Visualization Control precision Near vision Written comprehens. Manual dexterity	Problem sensitivity Control precision Number facility Wrist-finger speed Reaction time	Oral expression Oral/written compreh. Problem sensitivity Speech clarity Deductive reasoning

*Listed in order of importance

For detailed information see O*Net OnLine: http://online.onetcenter.org/gen_search_page

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Utilities

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	+7.3	+9.2	\$1,312	N/A
Michigan	-2.0	+5.6	\$1,310	N/A
U.S.	-4.0	+4.0	\$1,257	-5.7%

Primary Occupations

	Power Generating Plant Operator	Electric Power-Line Installer/Repairer	Customer Service Representative
O*Net SOC Code	51-8013.01	49-9051.00	43-4051.00
Average Wage	\$20.71/hr.	\$19.71/hr.	\$13.60/hr.
Tasks	Operate machinery Compile/record data Maintain/repair equip Examine/test equip. Monitor gauges	Repair cables/equip. Drive to job site Work on live wires Install meters Connect serv. drops	Confer with customer Complete forms Determine charges Solicit sales Resolve complaints
Knowledge*	Engineering Technology Mechanical Mathematics	Mechanical Building/construction Transportation Public safety Public security	Customer service Personal service English language Sales Marketing
Skills*	Operation monitoring Operation & control Repairing Equipment selection Troubleshooting	Installation Troubleshooting Equip. maintenance Repairing Quality control	Speaking Active listening Service orientation Reading comprehens. Writing
Abilities*	Perceptual speed Selective attention Deductive reasoning Control precision Wrist-finger speed	Manual dexterity Multi-limb coordin. Information ordering Visualization Finger dexterity	Oral comprehension Oral expression Speech clarity Number facility Near vision

*Listed in order of importance.

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Ambulatory Health Services

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	+7.4	+8.5	\$718	N/A
Michigan	+6.8	+5.3	\$837	N/A
U.S.	+7.5	+4.1	\$822	+41.0%

Primary Occupations

	Medical Secretary	Dental Hygienist	Radiologic Tech.
O*Net SOC Code	43-6013.00	29-2021.00	29-2034.00
Average Wage	\$11.15/hr.	\$24.42/hr.	\$17.44/hr.
Tasks	Scheduling Maintain records Answer telephone Route documents Interview patients	Clean teeth Examine gums Chart conditions Provide education Expose/develop x-ray	Determine pt. needs Explain procedures Evaluate x-rays Operate equipment Perform procedures
Knowledge*	Customer service Clerical English language Computers/electronics Telecommunications	Medicine/Dentistry Customer service Biology Education/training English language	Medicine/Dentistry Physics & Biology Customer service English language Psychology
Skills*	Active listening Reading comprehens. Speaking Coordination Active learning	Active listening Speaking Reading comprehens. Active learning Time management	Operation & control Speaking Operation monitoring Reading comprehens. Active listening
Abilities*	Oral comprehension Oral expression Speech clarity Information ordering Near vision	Finger dexterity Near vision Manual dexterity. Problem sensitivity Arm-hand steadiness	Oral expression Written comprehens. Oral comprehension Information ordering Speech clarity

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